Claims

1.(Amended)A deflection yoke of a bend-up-less type comprising a saddle-shaped horizontal deflection coil, a saddle-shaped vertical deflection coil, an insulating frame, and a correction coil, the saddle-shaped horizontal deflection coil and the saddle-shaped vertical deflection coil being provided along, respectively, an inner and an outer surface of the insulating frame which insulates the deflection coils, and the correction coil being provided above the outer surface of an electron gun side bend portion of the deflection coils, wherein

a setting member is provided integrally formed in a fixed positional relation with respect to the insulating frame on the electron gun side and behind the bend portion of the deflection coils, and the correction coil is set at a fixed position by a positioning fixing member in front of a wall surface of the setting member which faces the screen and above the outer surface of the electron gun side bend portion.

2.(Cancelled)

3.(Amended)The deflection yoke of Claim 1 wherein

the positioning fixing member is structured to be freely detachable in relation to the setting member.

4.(Amended)The deflection yoke of Claim 1 wherein

the correction coil has (a) a core whose leg portion points in a direction toward the electron gun side bend portion of the deflection coil, and (b) a bobbin which covers the core and is conductive wire wound therearound; and

the positioning fixing member is set at a substantially fixed position in relation to the core.

5.(Amended)The deflection yoke of Claim 4 wherein

the setting member has a notch, and

the positioning fixing member has a claw portion which is interlocked with the notch.

6. The deflection yoke of Claim 5 wherein

the setting member has a plate form,

the notch is provided on an edge of the setting member, and

a portion of the setting member in which the notch

is provided is formed so as to have a narrower width than another portion.

7.(Amended)The deflection yoke of Claim 4 wherein the positioning fixing member has a protruding portion which is inserted in an insertion aperture provided in the setting member.

8.(Amended)The deflection yoke of Claim 4 wherein the positioning fixing member has a fitting portion which is fitted into a slot provided in the setting member.

9.(Amended)The deflection yoke of Claim 4 wherein a flange portion is provided at both ends of the bobbin, an edge of each flange portion contacting the setting member.

10. The deflection yoke of Claim 4 wherein the core is a U-shaped core, both of whose leg portions point in the direction toward the electron gun side bend portion of the deflection coil, and the bobbin covers substantially a center portion of the U-shaped core.

11. The deflection yoke of Claim 4 wherein

the core is an E-shaped core, each of whose leg portions points in the direction toward the electron gun side bend portion direction of the deflection coil, and one bobbin covers each of the leg portions of the E-shaped core.

12. The deflection yoke of Claim 4, wherein

the core includes a U-shaped core both of whose leg portions point in the direction toward the electron gun side bend portion direction of the deflection coil, and an I-shaped core which has one end pointing towards the electron gun side bend portion direction of the deflection coil; and one bobbin covers each of substantially a center portion of the U-shaped core, and the I-shaped core.

13.(Cancelled)

14.(Cancelled)

15.(Amended) A color picture tube having (a) an outer envelope composed of a front panel formed with a phosphor screen surface on an inner surface, and a funnel, (b) an electron gun provided in a neck portion of the funnel, and (c) a deflection yoke mounted on an outer surface of the funnel, wherein

the deflection yoke is of a bend-up-less type and comprises a saddle-shaped horizontal deflection coil, a saddle-shaped vertical deflection coil, an insulating frame, and a correction coil, the saddle-shaped horizontal deflection coil and the saddle-shaped vertical deflection coil being provided along, respectively, an inner and an outer surface of the insulating frame which insulates the deflection coils, and the correction coil being provided above the outer surface of an electron gun side bend portion of the deflection coils, wherein

a setting member is provided integrally formed in a fixed positional relation with respect to the insulating frame on the

electron gun side and behind the bend portion of the deflection coils, and the correction coil is set at a fixed position by a positioning fixing member in front of a wall surface of the setting member which faces the screen and above the outer surface of the electron gun side bend portion.

16.(Cancelled)

17.(Amended)The color picture tube of Claim 15 wherein the positioning fixing member is structured to be freely detachable in relation to the setting member.

18.(Amended)The color picture tube of Claim 15 wherein the correction coil has (a) a core whose leg portion points in a direction toward the electron gun side bend portion of the deflection coil, (b) a bobbin which covers the core and is conductive wire wound therearound; and the positioning fixing member is set at a substantially fixed position in relation to the core.

19.(Cancelled)

20.(Cancelled)

21.(Added) The deflection yoke of Claim 1 wherein the wall surface of the setting member which faces the screen is flat.

22.(Added) The deflection yoke of Claim 21 wherein the setting member has a flat plate form, and is integrally formed with the insulating frame so as to be upright from an electron gun side end of the insulating frame.

23.(Added) The deflection yoke of Claim 1 wherein the positioning fixing member is structured so as to be positioned and fixed to the setting member by gripping the perimeter of the setting member.

24.(Added) The deflection yoke of Claim 23 wherein the positioning setting member has a structure in which two opposing rod members extend from the correction coil substantially horizontally in opposite directions, a tip of each rod member is bent around the perimeter of

the setting member, and an inner surface of the bend hooks to the perimeter of the setting member.

25.(Added) The deflection yoke of Claim 24 wherein

a base end of each of the opposing rod members is secured to an end surface of the core of the correction coil, and a tip of each of the opposing rod members extends along a core rod direction.

26.(Added) The deflection yoke of claim 22 wherein

an aperture is formed in the wall surface of the setting member which faces the screen,

a latch protrusion which latches into the aperture is provided on the positioning fixing member, and

the correction coil is positioned and fixed by inserting the latch protrusion into the aperture.

27.(Added) A method of manufacturing for a deflection yoke of a bend-up-less type comprising a saddle-shaped horizontal deflection coil, a saddle-shaped vertical deflection coil, an insulating frame, and a correction coil, the saddle-shaped horizontal deflection coil and the saddle-shaped vertical deflection coil provided along, respectively, an inner and an outer surface of the

insulating frame which insulates the deflection coils, and the correction coil being provided above the outer surface of an electron gun side bend portion of the deflection coils, the method for assembling the deflection yoke comprising the steps of

a step for preparing the insulating frame which was integrally formed with the setting member,

a step for providing the horizontal deflection coil on the inner surface of the insulating frame,

a step for providing the vertical deflection coil on the outer surface of the insulating frame,

and a step for setting, after setting the vertical deflection coil, the correction coil to the wall surface of setting member which faces the screen, by the positioning fixing member.

28.(Added) The method of Claim 27 wherein,

in the step for setting the correction coil, the correction coil is placed and set at a predetermined distance from the wall surface of the setting member which faces the screen.